



June 23, 2016

Office of Environmental Impact Review
Virginia Department of Environmental Quality
629 E. Main Street
Richmond, VA 23219

**Re: Federal Consistency Certification
Landstown Road Improvements Project – Virginia Beach, Virginia**

On behalf of the City of Virginia Beach, Kerr Environmental Services Corp. (KES) is submitting this Coastal Zone Management Act Federal Consistency Certification pursuant to 15 CFR, part 930, subpart D for federal permit activities to the Virginia Department of Environmental Quality (VDEQ) for the proposed *Landstown Road Improvements Project* located in Virginia Beach, Virginia (36°45'57.5"N 76°04'7.8"W). The City of Virginia Beach is in the process of obtaining Individual Permits for impacts to wetlands and waters associated with the project as required by the U.S. Army Corps of Engineers (USACE) pursuant to Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act and the VDEQ; and verifying with the Virginia Marine Resources Commission (VMRC) that there are no subaqueous bottomlands regulated within the project limits.

The proposed project involves improvements to an approximately 4,500 lf corridor along Landstown Road to provide additional capacity and improve safety. Proposed improvements include: (1) creation of a southbound right turn lane from Landstown Road onto Landstown Centre Way; (2) expansion of Landstown Road south of Landstown Centre Way from a two lane roadway to a four roadway, creating an additional travel lane in both directions; (3) adding a paved and graded shoulder and a wide sidewalk on both sides of the roadway; and (4) required stormwater management features including the creation of a new stormwater management facility (SWMF #1), expansion of an existing stormwater management facility (SWMF #2), and construction of a network of open and closed stormwater ditches and infrastructure to convey drainage to these facilities. The project requires the fill and relocation of linear, roadside ditches immediately adjacent to the current location of Landstown Road. These ditches are classified as wetlands and will be re-alignment and incorporated into a storm water infrastructure network to facilitate the widened roadway. Current land use is largely public use and recreation. Project details and impacts to wetlands and waters are shown on the attached Permit Application drawings (*SHEETS 1 to 13*).

Consistencies with each of the Enforceable Policies of the Virginia Coastal Resources Management Program are addressed below:

1. Fisheries Management (Code of Virginia § 28.2-200 thru 28.2-713, § 29.1-100 thru 29.1-570, § 3.2-3904 thru 3.2-3937) ó There are no tidal waters within the project area. According to the VMRC mapping system, there is no Submerged Aquatic Vegetation, private shellfish leases, or fisheries management areas within the project boundaries (*attached*). Therefore, no fisheries will be affected by construction. This enforceable policy is not applicable to this project.
2. Subaqueous Lands Management (Code of Virginia § 28.2-1200 thru 28.2-1213) ó There are no state owned bottoms within the project area; therefore, none will be affected by construction. This enforceable policy is not applicable to this project.
3. Wetlands Management (Code of Virginia § 28.2-1301 thru § 28.2-1320, § 62.1-44.15.5) KES performed a wetland and Waters of the U.S. (WOUS) delineation within the project area in April 2015 pursuant to the Corps of Engineers Wetlands Delineation Manual (1987) and subsequent USACE guidance. Limits of wetlands and WOUS are shown on *Permit Sheet 2*. KES received a Preliminary Jurisdictional Determination from the USACE on June 1, 2015 (*attached*). This project will permanently impact **1.28** acre of non-tidal emergent wetland (*Permit Drawings attached*). Impacts were minimized to the extent practicable. Minimization efforts included the expansion of an existing stormwater management facility, the location of a second stormwater management facility in non-wetlands, and the reduction in width of proposed sidewalks. The applicant is in the process of obtaining Individual Permits for unavoidable impacts to wetlands and waters as required by the USACE, VDEQ, and VMRC. Therefore the project will be in compliance with this enforceable policy.
4. Dunes Management (Code of Virginia § 28.2-1400 thru 28.2-1420) ó There are no coastal sand dunes within the project area; therefore, none will be affected by construction. This enforceable policy is not applicable to this project.
5. Non-point Source Pollution Control (Code of Virginia § 10.1-560 et. seq.) ó Non-point source pollution will be managed in adherence to state stormwater regulations and City of Virginia Beach ordinances. All construction activities and stormwater management will be performed in compliance with all state and local stormwater regulations including the Virginia Stormwater Management Program's (VSMP) General Permit for Discharges of Stormwater from Construction Activities. A Stormwater Pollution Prevention Plan (SWPPP) will be developed for the site and inspections will be performed regularly as required by the VSMP General Permit. The project will comply with all local and state Erosion and Sediment Control requirements as well as all appropriate stormwater management regulations. These actions will minimize any potential non-point source pollution impacts from the proposed project. Therefore the project will be in compliance with this enforceable policy.
6. Point Source Pollution Control (Code of Virginia § 62.1-44.15) ó No point sources are anticipated. Therefore, this enforceable policy is not applicable to this project.

7. Shoreline Sanitation (Code of Virginia § 32.1-164 thru § 32.1-165) ó The proposed project will utilize municipal water and sewer supplies. No septic tanks will be installed or used for this project. Therefore, this enforceable policy is not applicable to this project.
8. Air Pollution Control (Code of Virginia § 10-1.1300 thru §10.1-1320) ó The City of Virginia Beach is in an attainment area for all criteria pollutants. The City of Virginia Beach is also in a maintenance area for ozone. The project will comply with the Virginia 8-hour maintenance Plan, and will adhere to all laws and regulations set forth by the federal Clean Air Act and administered by the State Air Pollution Control Board. No adverse impacts to air quality are anticipated to be associated with this project. Therefore the project will be in compliance with this enforceable policy
9. Coastal Lands Management (Code of Virginia § 10.1-2100 thru § 10.1-2114, Virginia Administrative Code 9 VAC 10-20 et seq.) ó The watershed of the project area leads to tributaries of the North Landing River and Albemarle Sound. The City of Virginia Beach GIS mapping shows the project area as outside of the Chesapeake Bay Preservation Resource Protection Area (RPA). Therefore, this enforceable policy is not applicable to this project.

The City of Virginia Beach certifies that the proposed project will be conducted in a manner which is consistent with the Enforceable Policies of the Virginia Coastal Resources Management Program.

As agent of the City of Virginia Beach, KES requests that the VDEQ review the information provided and issue a written concurrence with the federal consistency of this project. Please contact me at (757) 963-2008 if you have further questions.

Sincerely,

Kerr Environmental Services Corp.



Troy Savage
Senior Environmental Scientist

Enclosures: Permit Application Exhibits (*Sheets 1-13*)
VMRC Map
Preliminary Jurisdictional Determination Letter

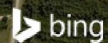
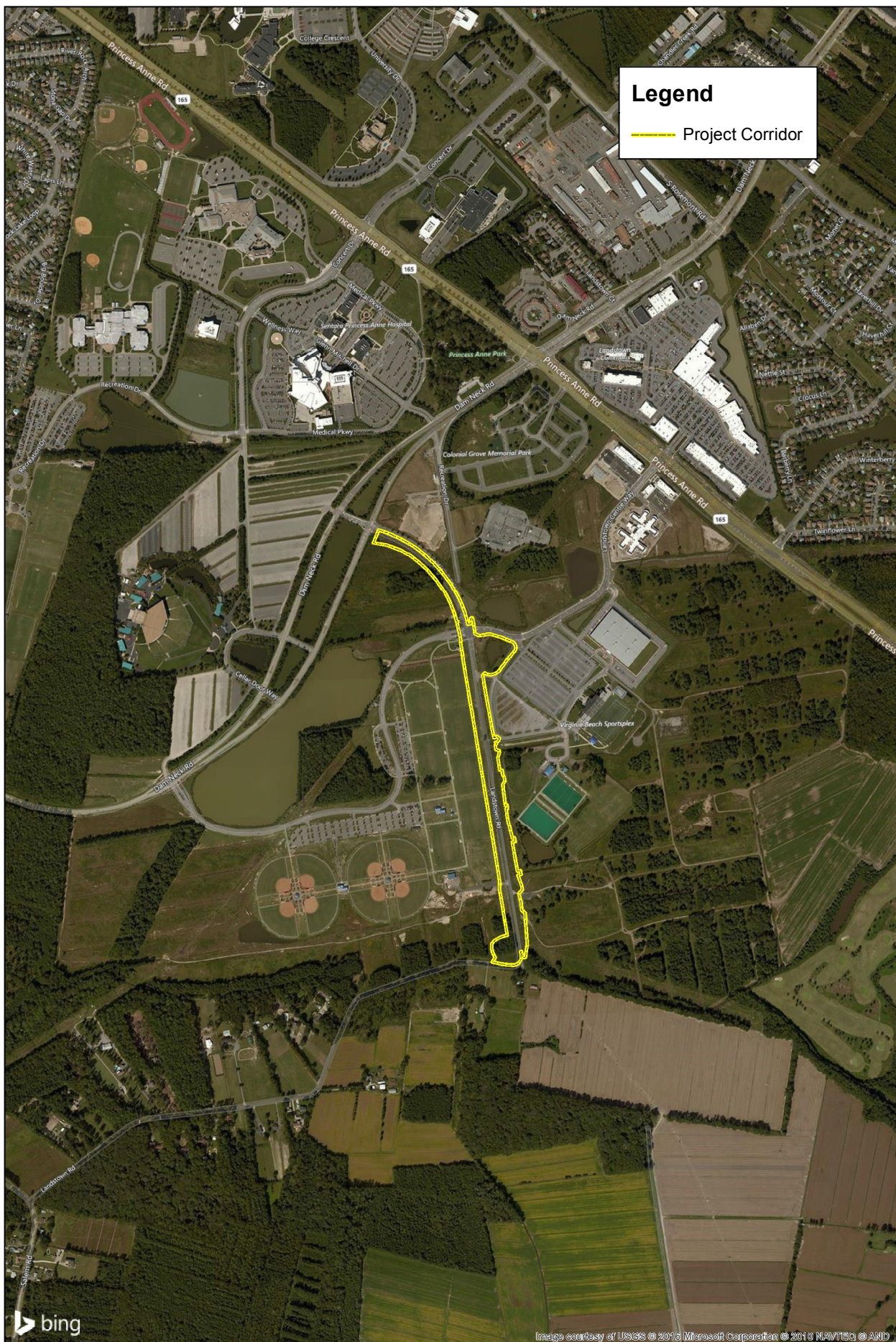


Image courtesy of USGS © 2016 Microsoft Corporation © 2016 NAVTEQ © AND



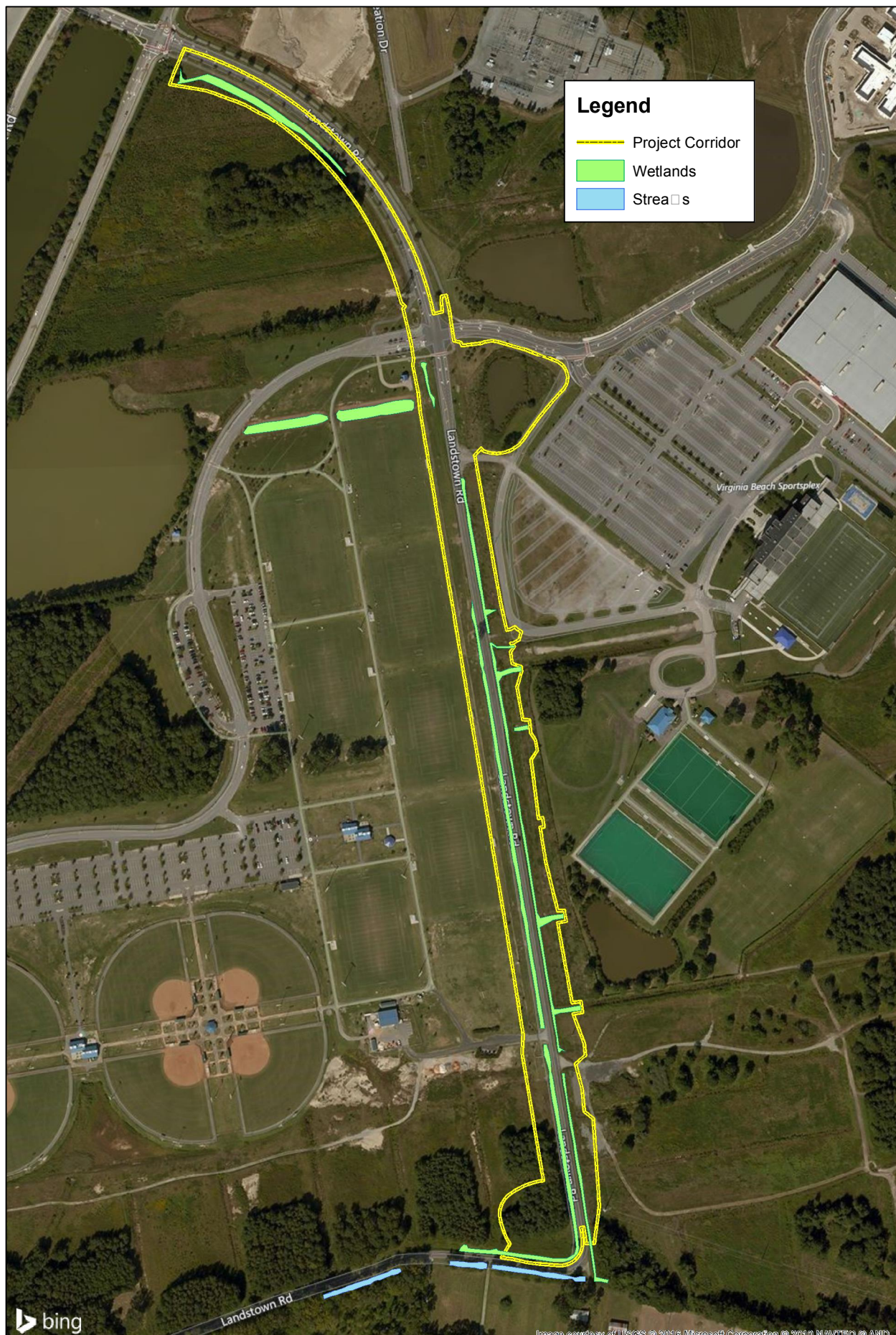
**Kerr Environmental
Services Corp.**
Water Resources Engineering | Environmental Consulting

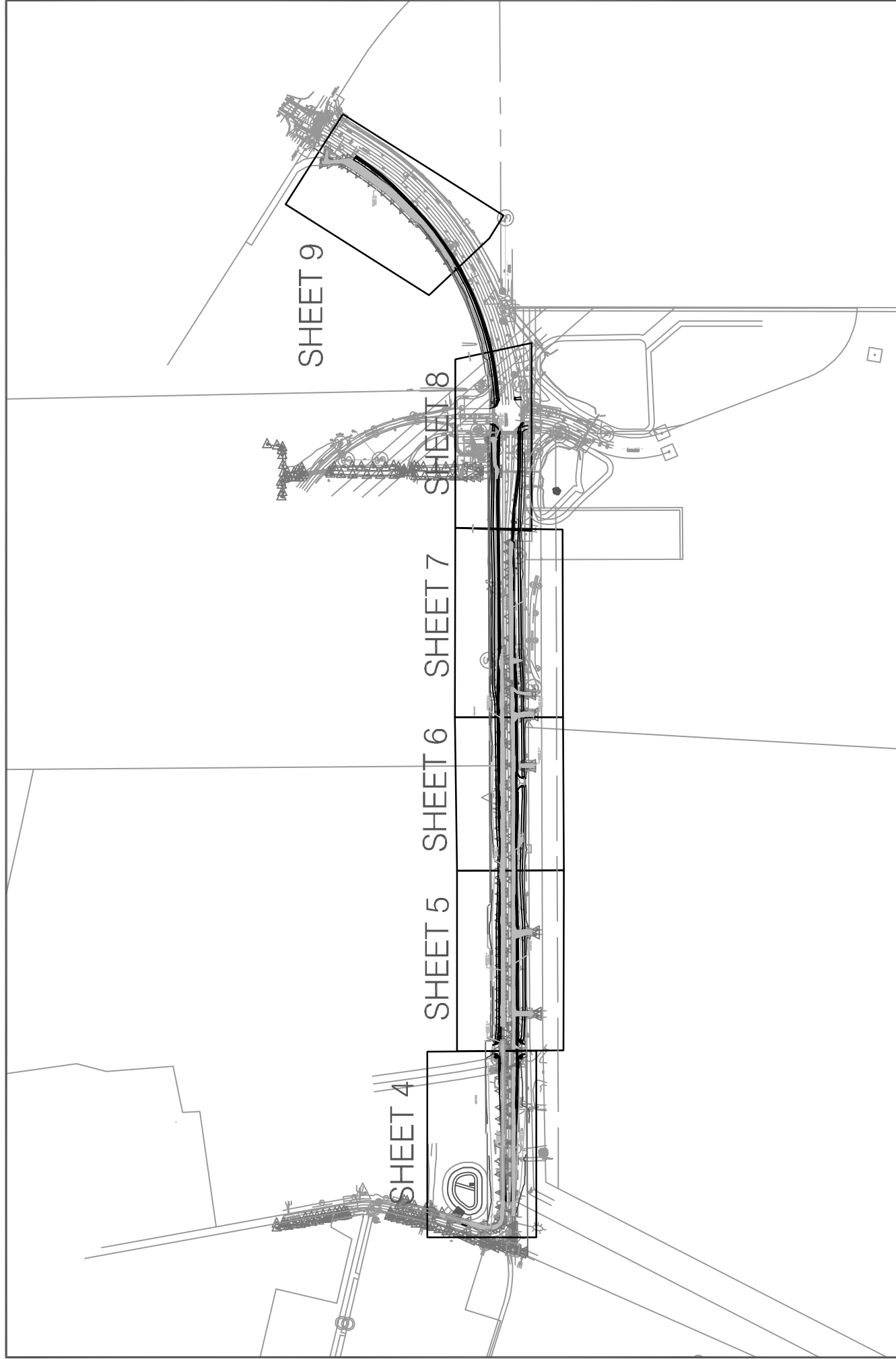
1008 Old Virginia Beach Road, Suite 200
Virginia Beach, VA 23513
Ph: 757 963 2008
Fax: 757 963 8322

JOINT PERMIT APPLICATION DRAWINGS
PROJECT VICINITY
Landstown Road
VANASSE HANGEN BRUSTLIN, INC
CITY OF VIRGINIA BEACH, VIRGINIA

500 250 0 500 1,000 Feet

N	DATE 5/11/2016	SHEET 1 OF 13
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Water Resources Engineering | Environmental Consulting

1008 Old Virginia Beach Rd., Suite 200
Virginia Beach, VA 23451
Ph: 757 963 2008
Fax: 757 963 8322

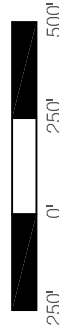
APPLICATION BY:
PURPOSE: PERMIT APPLICATION FOR WETLAND
IMPACTS
REC'D WATER BODY:
LONGITUDE:

JOINT PERMIT APPLICATION DRAWINGS

INDEX SHEET

LANDSTOWN ROAD
VANASSE HANGEN BRUSTLIN, INC
CITY OF VIRGINIA BEACH, VIRGINIA

SCALE: 1" = 500'

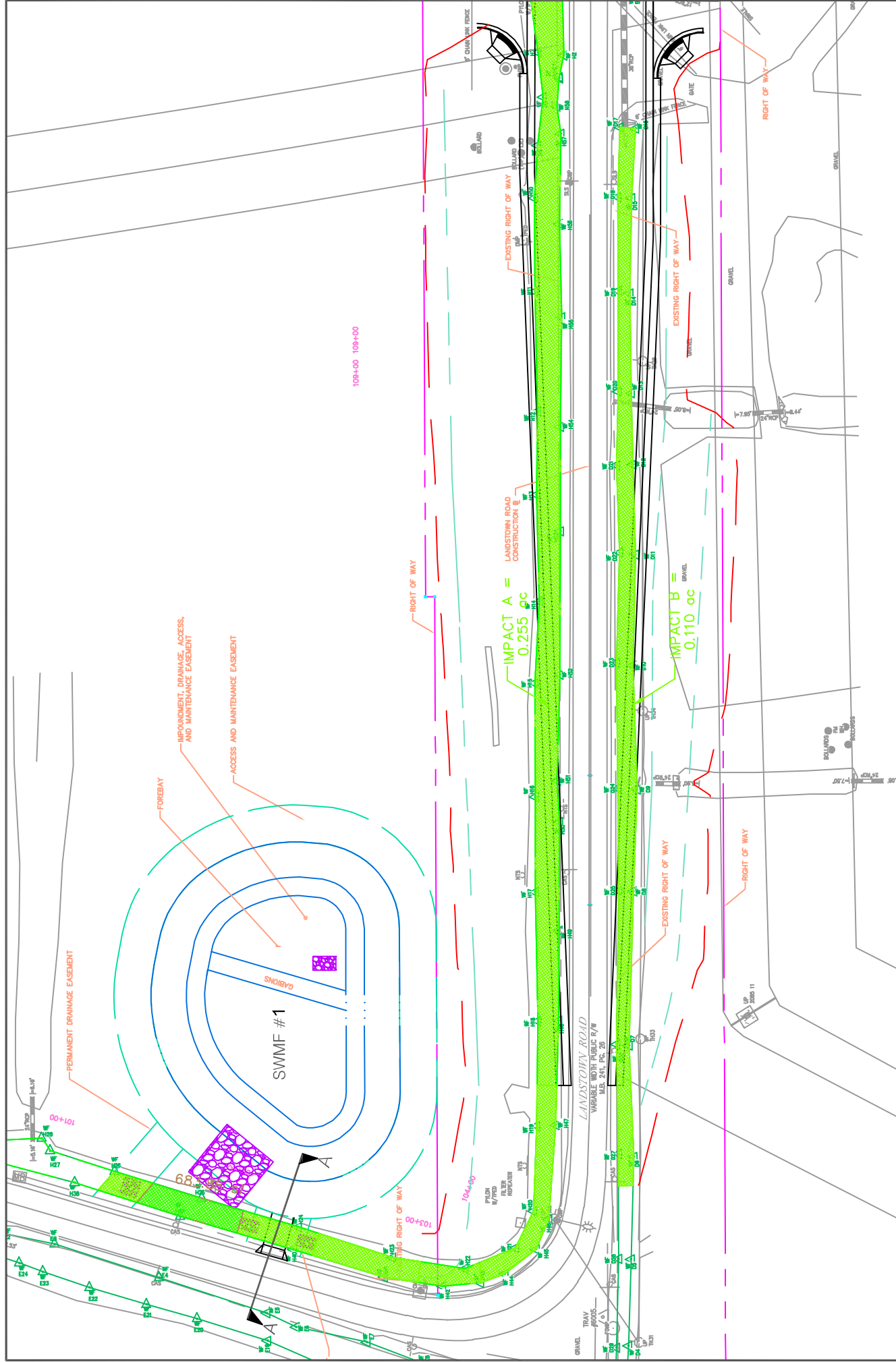


DATE

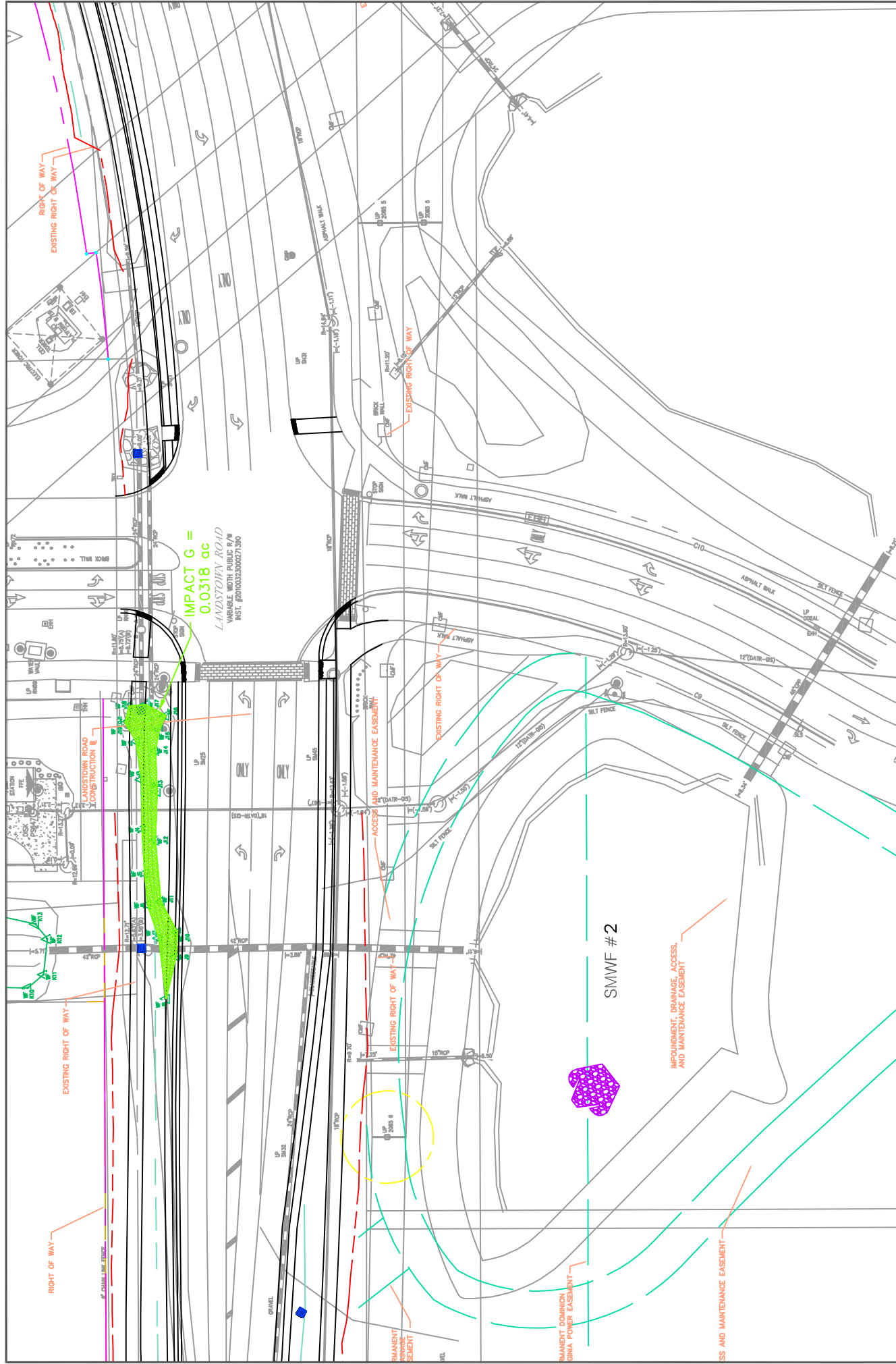
5-11-16

SHEET

3 OF 13



<p>SCALE: 1" = 70'</p> <p>35' 0 35' 70'</p> <p>DATE 5-11-16</p> <p>SHEET 4 OF 13</p>	<p>JOINT PERMIT APPLICATION DRAWINGS</p> <p>WETLAND IMPACTS</p> <p>LANDSTOWN ROAD</p> <p>VANASSE HANGEN BRUSTLIN, INC</p> <p>CITY OF VIRGINIA BEACH, VIRGINIA</p>	<p>APPLICATION BY:</p> <p>PURPOSE: PERMIT APPLICATION FOR WETLAND IMPACTS</p> <p>REC'D WATER BODY:</p> <p>LONGITUDE:</p>	<p>Kerr Environmental Services Corp.</p> <p>Water Resources Engineering Environmental Consulting</p> <p>1008 Old Virginia Beach Rd, Suite 200 Virginia Beach, VA 23451</p> <p>Ph: 757 963 2008 Fax: 757 963 8322</p>
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SCALE: 1" = 70'

35' 0 35' 70'

DATE 5-11-16

SHEET 8 OF 13

JOINT PERMIT APPLICATION DRAWINGS

WETLAND IMPACTS

LANDSTOWN ROAD

VANASSE HANGEN BRUSTLIN, INC

CITY OF VIRGINIA BEACH, VIRGINIA

APPLICATION BY:

PURPOSE: PERMIT APPLICATION FOR WETLAND IMPACTS

REC'G WATER BODY:

LONGITUDE:

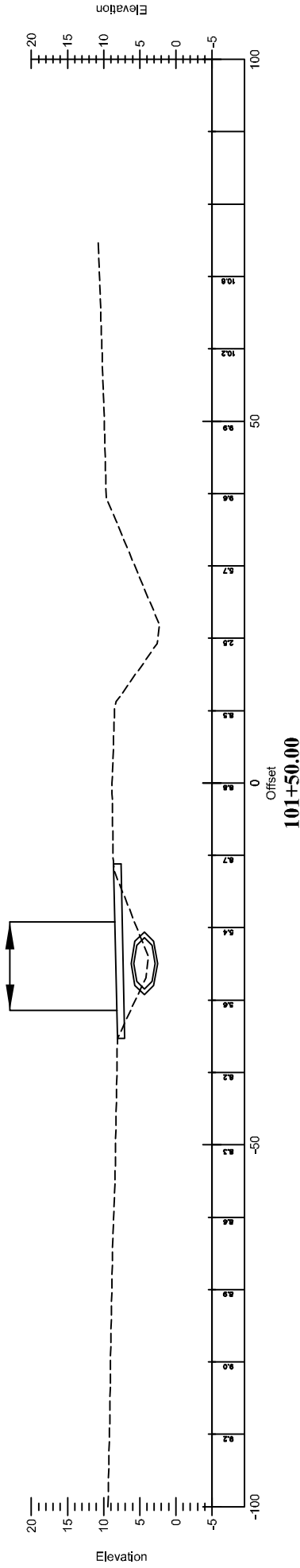
Kerr Environmental Services Corp.

Water Resources Engineering | Environmental Consulting

1008 Old Virginia Beach Rd, Suite 200
Virginia Beach, VA 23451

Ph: 757 963 2008
Fax: 757 963 8322

WETLAND IMPACTS



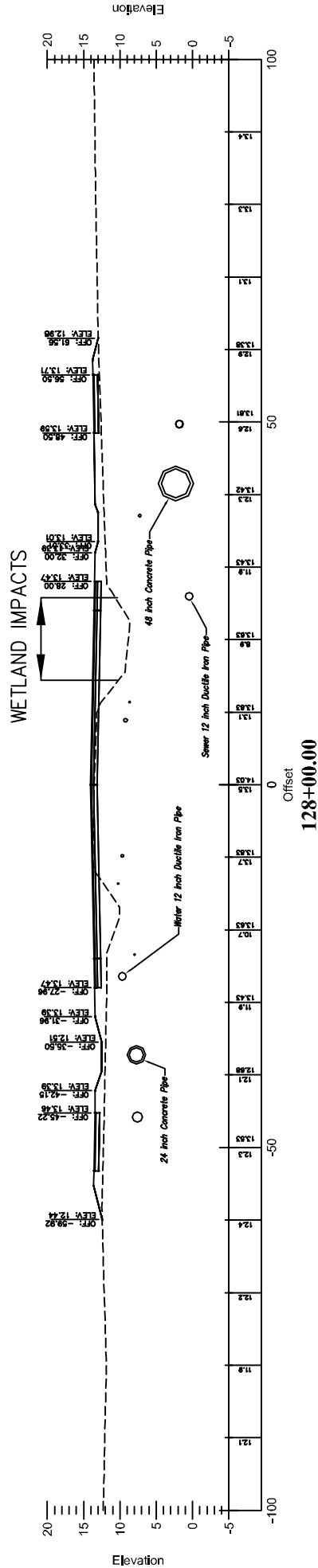
1008 Old Virginia Beach Rd, Suite 200
Virginia Beach, VA 23461
Ph: 757 963 2008
Fax: 757 963 8322

APPLICATION BY:
PURPOSE: PERMIT APPLICATION FOR WETLAND
IMPACTS
REC'D WATER BODY:
LONGITUDE:

JOINT PERMIT APPLICATION DRAWINGS
CROSS SECTION A - A
LANDSTOWN ROAD
VANASSE HANGEN BRUSTLIN, INC
CITY OF VIRGINIA BEACH, VIRGINIA

DATE
5-17-16

SHEET
10 OF 13



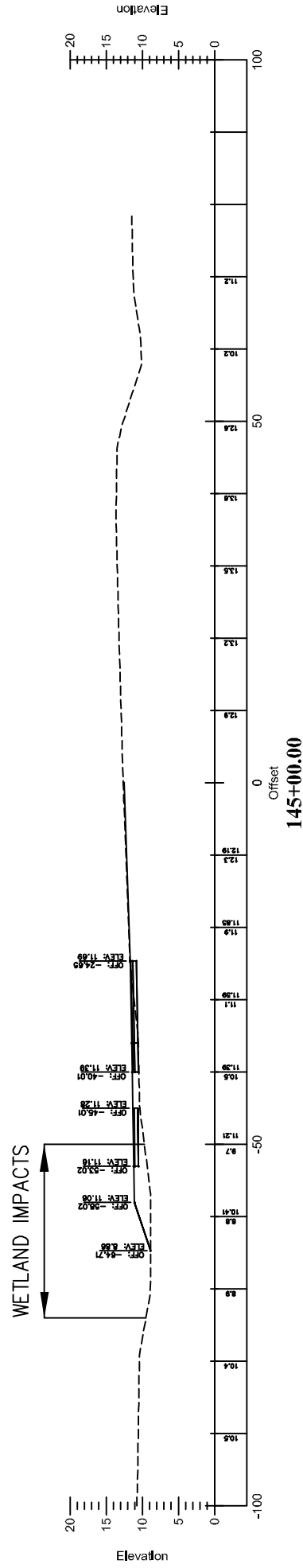
1008 Old Virginia Beach Rd, Suite 200
Virginia Beach, VA 23451
Ph: 757 963 2008
Fax: 757 963 8322

APPLICATION BY:
PURPOSE: PERMIT APPLICATION FOR WETLAND
IMPACTS
REC'D WATER BODY:
LONGITUDE:

JOINT PERMIT APPLICATION DRAWINGS
CROSS SECTION C - C
LANDSTOWN ROAD
VANASSE HANGEN BRUSTLIN, INC
CITY OF VIRGINIA BEACH, VIRGINIA

DATE
5-17-16

SHEET
12 OF 13



JOINT PERMIT APPLICATION DRAWINGS
CROSS SECTION D - D
LANDSTOWN ROAD
VANASSE HANGEN BRUSTLIN, INC
CITY OF VIRGINIA BEACH , VIRGINIA

APPLICATION BY:
PURPOSE: PERMIT APPLICATION FOR WETLAND
IMPACTS
REC'G WATER BODY:
LONGITUDE:



1008 Old Virginia Beach Rd, Suite 200
Virginia Beach, VA 23451
Ph: 757 963 2008
Fax: 757 963 8322

DATE
5-17-16

Map Layers

<input checked="" type="checkbox"/>	Private Oyster Ground Leases
<input checked="" type="checkbox"/>	Oyster Ground Applications
<input checked="" type="checkbox"/>	Shellfish Contamination Zones By VDH
<input checked="" type="checkbox"/>	Open Harvest Areas 4 VAC 20-720
<input checked="" type="checkbox"/>	Public Grounds
<input checked="" type="checkbox"/>	Public Claiming Grounds
<input checked="" type="checkbox"/>	Eastern Shore Oyster Sanctuaries
<input checked="" type="checkbox"/>	State Marsh and Meadow Lands

☐ Pound Nets

☐ Staked Gill Nets

☐ Fyke Nets

<input type="checkbox"/>	Habitat Permit Applications Open Since 2012
<input type="checkbox"/>	Habitat Permit Applications in 2014
<input type="checkbox"/>	Habitat Permit Applications in 2015
<input type="checkbox"/>	Habitat Permit Applications in 2016
<input type="checkbox"/>	Oyster Gardening Permits

- ☒ Marine Police District Officers
- ☒ Tides Provided by NOAA
- ☒ Blue Crab Sanctuaries 4 VAC 20-752
- ☒ Submerged Aquatic Vegetation 2010





DEPARTMENT OF THE ARMY
NORFOLK DISTRICT, CORPS OF ENGINEERS
FORT NORFOLK, 803 FRONT STREET
NORFOLK, VIRGINIA 23510-1011

REPLY TO
ATTENTION OF:

June 1, 2015

CENAO-WRR-S

Southern Section
NAO-2015-0740 (North Landing River)

City of Virginia Beach
c/o Kerr Environmental Services Corp.
1008 Old Virginia Beach Road, #200
Virginia Beach, Virginia 23451
Attn: Brent Ashley

Dear Mr. Ashley:

This letter is in reference to a request for a verification of a preliminary wetland delineation completed on a multiple areas located along east of Dam Neck Road, south of Recreation Drive near the Virginia Beach Sportsplex west and along the northern portion of Landstown Road in the City of Virginia Beach, Virginia.

The map entitled "Wetland Field Sketch / Landstown Road Project" / Virginia Beach, Virginia by Kerr Environmental Services Corp. dated 4/20/2015 and Corps date stamped as received Apr 29, 2015 (*copy enclosed*) provides the location of wetlands on the property listed above. The basis for this delineation includes application of the Corps' 1987 Wetland Delineation Manual (*and Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region*) and the positive indicators of wetland hydrology, hydric soils, and hydrophytic vegetation.

The Norfolk District has relied on the information and data provided by the applicant or agent. If such information and data subsequently prove to be materially false or materially incomplete, this verification may be suspended or revoked, in whole or in part, and/or the Government may institute appropriate legal proceedings.

Discharges of dredged or fill material, including those associated with mechanized landclearing, into waters and/or wetlands on this site may require a Department of the Army permit and authorization by state and local authorities including a Virginia Water Protection Permit from the Virginia Department of Environmental Quality (DEQ), a permit from the Virginia Marine Resources Commission (VMRC) and/or a permit from your local wetlands board. This letter is a confirmation of the Corps preliminary jurisdiction for the waters and/or wetlands on the subject property and does not authorize any work in these areas. Please obtain all required permits before starting work in the delineated waters/wetland areas.

This is a preliminary jurisdictional determination and is therefore not a legally binding determination regarding whether Corps jurisdiction applies to the waters or wetlands in question. Accordingly, you may either consent to jurisdiction as set out in this

preliminary jurisdictional determination and the attachments hereto if you agree with the determination, or you may request and obtain an approved jurisdictional determination. This preliminary jurisdictional determination and associated wetland delineation map may be submitted with a permit application.

Enclosed are two copies of the "Preliminary Jurisdictional Determination Form". Please review the document, sign both copies, return one copy to the Corps, 803 Front Street / Norfolk, VA 23510 within 30 days of receipt and keep one for your records. Again, this delineation of waters and/or wetlands is valid for a period of five years from the date of this letter unless new information warrants revision prior to the expiration date.

If you have any questions, please contact me at (757) 201-7367 or by email at scharlene.a.floyd@usace.army.mil

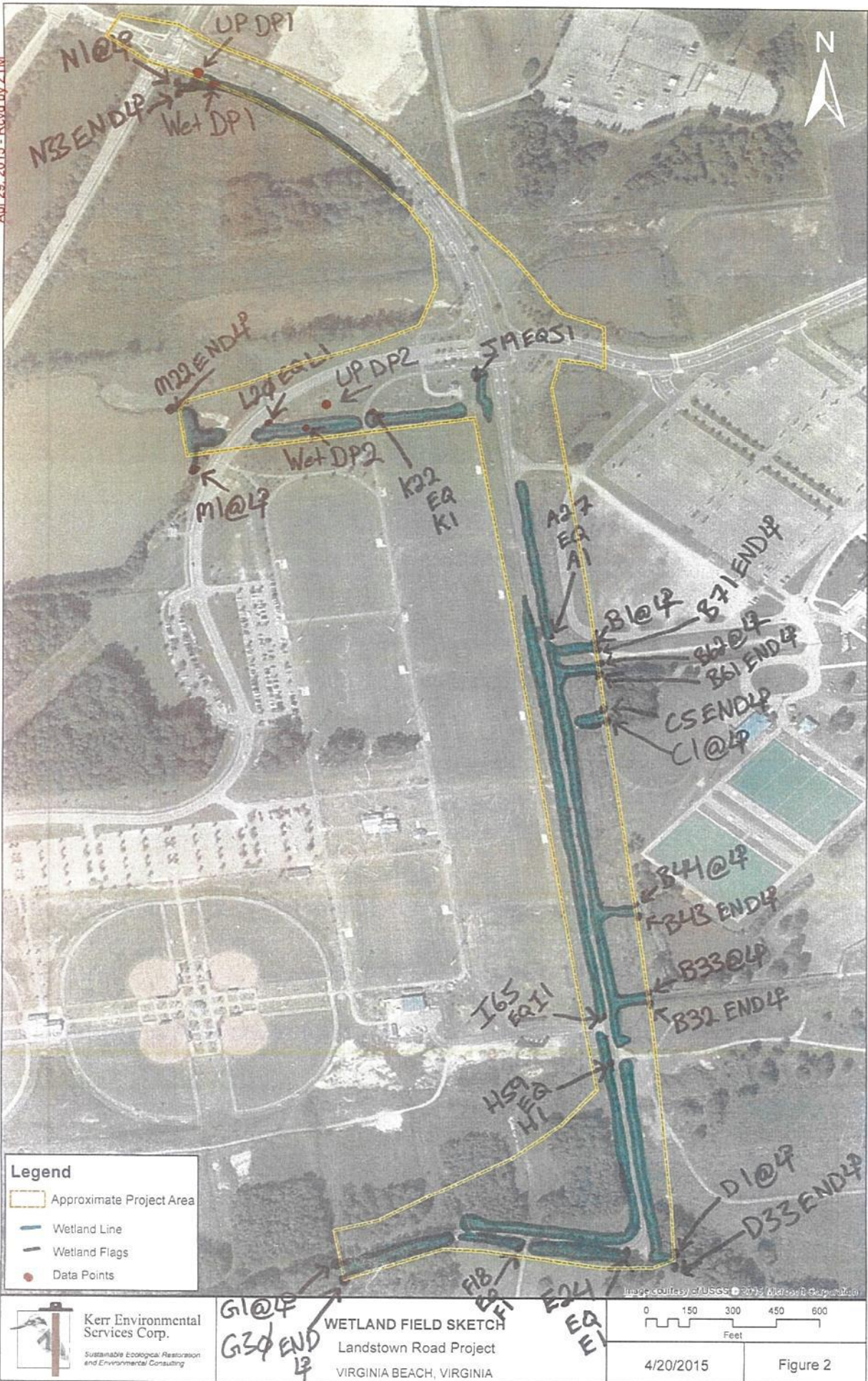
Sincerely,

A handwritten signature in blue ink that reads "Scharlene Floyd". The signature is written in a cursive style with a large, stylized "F".

Scharlene Floyd
Environmental Scientist
Regulatory Branch

Enclosures:
Wetland/Waters Delineation Map
Preliminary Jurisdictional Determination Form

Copies Furnished:
VA Department of Environmental Quality / Tidewater
City of Virginia Beach



ATTACHMENT

PRELIMINARY JURISDICTIONAL DETERMINATION FORM

BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR PRELIMINARY JURISDICTIONAL DETERMINATION (JD): June 1, 2015

B. NAME AND ADDRESS OF PERSON REQUESTING PRELIMINARY JD:
Brent Ashley c/o Kerr Environmental Services Corps

C. DISTRICT OFFICE, FILE NAME, AND NUMBER: Norfolk District,
NAO-2015-0740

D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION:

State: VA County/parish/borough: City of Virginia Beach:

Center coordinates of site (lat/long in degree decimal format): Lat. 36.45.54,
Long. -76.05.35.

Universal Transverse Mercator:

Name of nearest waterbody: North Landing River

Identify (estimate) amount of waters in the review area:

Non-wetland waters: 2.54 acres ** see print out of measurements and
survey mapping attached

Cowardin Class: PEM

Stream Flow: intermittent and perennial wetlands

Wetlands: freshwater emergent

Cowardin Class:

Streams:

Cowardin Class:

Name of any water bodies on the site that have been identified as Section 10
waters:

Tidal: N/A

Non-Tidal: No tidal wetlands are located on the property.

E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT
APPLY):

☒ Office (Desk) Determination. Date: May 29, 2015

☐ Field Determination. Date(s): The site was previously reviewed by David
Knepper in 2014

1. The Corps of Engineers believes that there are jurisdictional waters of the
United States on the subject site, and the permit applicant or other affected party
who requested this preliminary JD is hereby advised of his or her option to
request and obtain an approved jurisdictional determination (JD) for that site.
Nevertheless, the permit applicant or other person who requested this

preliminary JD has declined to exercise the option to obtain an approved JD in this instance and at this time.

2. In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an approved JD for the activity, the permit applicant is hereby made aware of the following: (1) the permit applicant has elected to seek a permit authorization based on a preliminary JD, which does not make an official determination of jurisdictional waters; (2) that the applicant has the option to request an approved JD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an approved JD could possibly result in less compensatory mitigation being required or different special conditions; (3) that the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) that the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) that undertaking any activity in reliance upon the subject permit authorization without requesting an approved JD constitutes the applicant's acceptance of the use of the preliminary JD, but that either form of JD will be processed as soon as is practicable; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a preliminary JD constitutes agreement that all wetlands and other water bodies on the site affected in any way by that activity are jurisdictional waters of the United States, and precludes any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an approved JD or a preliminary JD, that JD will be processed as soon as is practicable. Further, an approved JD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331, and that in any administrative appeal, jurisdictional issues can be raised (see 33 C.F.R. 331.5(a)(2)). If, during that administrative appeal, it becomes necessary to make an official determination whether CWA jurisdiction exists over a site, or to provide an official delineation of jurisdictional waters on the site, the Corps will provide an approved JD to accomplish that result, as soon as is practicable. This preliminary JD finds that there "*may be*" waters of the United States on the subject project site, and identifies all aquatic features on the site that could be affected by the proposed activity, based on the following information:

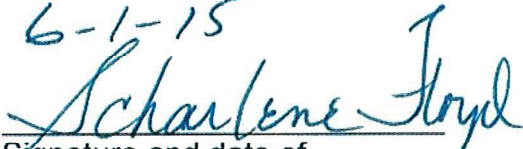
SUPPORTING DATA. Data reviewed for preliminary JD (check all that apply)

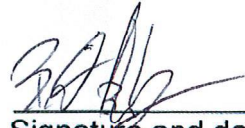
- checked items should be included in case file and, where checked and requested, appropriately reference sources below):

☒ Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: Kerr Environ. Services, Corps

- ☒ Data sheets prepared/submitted by or on behalf of the applicant/consultant.
 X Office concurs with data sheets/delineation report.
 ☐ Office does not concur with data sheets/delineation report.
- ☐ Data sheets prepared by the Corps: .
- ☐ Corps navigable waters' study: .
- ☐ U.S. Geological Survey Hydrologic Atlas: .
 ☐ USGS NHD data.
 ☐ USGS 8 and 12 digit HUC maps.
- ☒ U.S. Geological Survey map(s). Cite scale & quad name: Pr. Anne Quad.
- ☐ USDA Natural Resources Conservation Service Soil Survey. Citation: .
- ☐ National wetlands inventory map(s). Cite name: .
- ☐ State/Local wetland inventory map(s): .
- ☐ FEMA/FIRM maps: .
- ☐ 100-year Floodplain Elevation is: . (National Geodetic Vertical Datum of 1929)
- Photographs: ☐ Aerial (Name & Date): .
 or Other (Name & Date): .
- ☒ Previous determination(s). : David Knepper and Tom Walker
- ☐ Other information (please specify): .

IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.

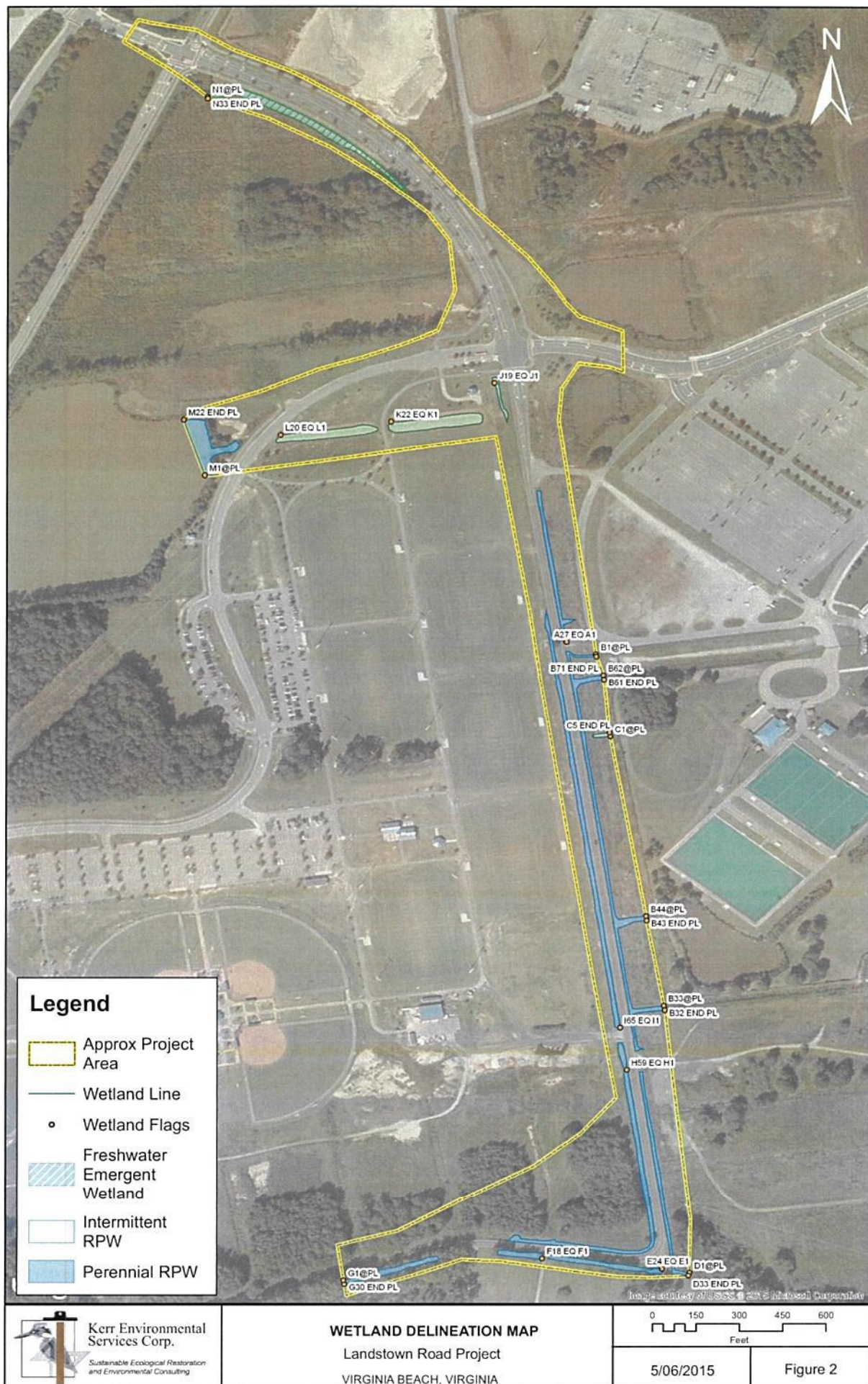
6-1-15

Signature and date of
Regulatory Project Manager
(REQUIRED)

 6/12/15
Signature and date of
person requesting preliminary JD
(REQUIRED, unless obtaining
the signature is impracticable)

Landstown Road Project Wetland and Stream Approximate Measurements:

Line	Area (Ac)	Length (Lf)	Width (Lf)
A	0.12	530.72	11.13
B	0.36	1,486.25	10.25
C	0.01	46.89	13.29
D	0.14	754.68	8.75
E	0.11	334.70	8.75
F	0.05	141.82	17.72
G	0.10	325.34	18.74
H	0.32	1,135.32	12.08
I	0.37	1,459.66	12.45
J	0.03	161.44	9.28
K	0.22	262.98	35.08
L	0.19	285.43	30.73
M	0.24	414.03	60.37
N	0.28	N/A	N/A

2.54





Reply to
Attention of

DEPARTMENT OF THE ARMY
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
FORT NORFOLK
803 FRONT STREET
NORFOLK VA 23510-1011

JUNE 1, 2015

Supplemental Preapplication Information

Project Number: NAO-2015-0740

Applicant: Brent Ashley; c/o: Kerr Environmental Services Corps.

Project Location: along multiple areas east of Dam Neck Rd, south of Recreation Dr and near the VA Beach Sportsplex west and along the northern portion of Landstown Road in Va. Beach, Virginia.

1. A search of the Virginia Department of Historic Resources data revealed the following:

- ☐ No known historic properties are located on the property.
- ☐ The following known architectural resources are located on the property:
- ☐ The following known archaeological resources are located on the property:
- ☒ The following known historic resources are located in the vicinity of the property (potential for effects to these resources from future development): Potential View shed Impacts

****Please see Corps Mapper print out attached**

NOTE:

- 1) *The information above is for planning purposes only. In most cases, the property has not been surveyed for historic resources. Undiscovered historic resources may be located on the subject property or adjacent properties and this supplemental information is not intended to satisfy the Corps' requirements under Section 106 of the National Historic Preservation Act (NHPA).*
- 2) *Prospective permittees should be aware that Section 110k of the NHPA (16 U.S.C. 470h-2(k)) prevents the Corps from granting a permit or other assistance to an applicant who, with intent to avoid the requirements of Section 106 of the NHPA, has intentionally significantly adversely affected a historic property to which the permit would relate, or having legal power to prevent it, allowed such significant adverse effect to occur, unless the Corps, after consultation with the Advisory Council on Historic Preservation (ACHP), determines that circumstances justify granting such assistance despite the adverse effect created or permitted by the applicant.*

2. A search of the data supplied by the U.S. Fish & Wildlife Service, the Virginia Department of Conservation and Recreation and the Virginia Department of Game and Inland Fisheries revealed the following:

- ☐ No known populations of threatened or endangered species are located on or within the vicinity of the subject property.
- ☒ The following federally-listed species may occur within the vicinity of the subject property: See attached Corps Map for information sheet
- ☒ The following state-listed (or other) species may occur within the vicinity of the subject property:

**** Please see IPaC printout attached**

Please note this information is being provided to you based on the preliminary data you submitted to the Corps relative to project boundaries and project plans. Consequently, these findings and recommendations are subject to change if the project scope changes or new information becomes available and the accuracy of the data.

Regulatory GIS Report

Report Date: 29-MAY-15

Center Coordinate: 36.765346, -76.093773



Subbasin (HUC 8) Watershed Boundary

HUC 8 Number	HUC 8 Name	Acres	Wetland Acres	% Wetlands	Stream Miles
03010205	Albemarle	2768030.93313182	1869319.70248	67.53274169	7303.98

1 - 1

County/City

Locality Name
Virginia Beach

1 - 1

CCB Bald Eagle Nest (2010)

none

CCB Bald Eagle Nest (2010) - 660' Buffer

none

NAO Dredged Material Placement Area

none

NAO Federal Navigation Channel

none

NAO Federal Navigation Channel Setback

none

NAO Flood Risk Management Project Location

none

NAO Reference Well Site

none

NMFS Essential Fish Habitat

none

NRCS Wetlands Determination (WETS) Station

none

VDCR Endangered Species

none

VDGIF Anadromous Fish Use Waters

Locality Name
Virginia Beach

1 - 1

CCB Bald Eagle Nest (2010)

none

CCB Bald Eagle Nest (2010) - 660' Buffer

none

NAO Dredged Material Placement Area

none

NAO Federal Navigation Channel

none

NAO Federal Navigation Channel Setback

none

NAO Flood Risk Management Project Location

none

NAO Reference Well Site

none

NMFS Essential Fish Habitat

none

NRCS Wetlands Determination (WETS) Station

none

VDCR Endangered Species

none

VDGIF Anadromous Fish Use Waters

none

VDGIF TE Waters

none

VDGIF Cold Water Stream Survey (CWSS) - Trout Streams

none

VDGIF Colonial Water Birds

none

VDGIF Bald Eagle Concentration Area

none

VDGIF Federal & State Listed Species

Genus	Species	Subspecies	Common Name	Fedstatus	Statestatus
Falco	peregrinus	-	Falcon, peregrine	-	State Threatened

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VDHR Archaeological Resources

DHR ID	Resource Name	Eligibility	Eligibility Date	Temporal	Comments
44VB0269			-	19th Century: 2nd quarter (1825 - 1849)	
44VB0162			-	19th Century (1800 - 1899), 20th Century (1900 - 1999), Archaic (8500 - 1201 B.C.), Woodland (1200 B	
44VB0270			-	19th Century: 2nd/3rd quarter (1825 - 1874), Prehistoric/Unknown (15000 B.C. - 1606 A.D.)	
44VB0271			-	19th Century: 2nd/3rd quarter (1825 - 1874)	
44VB0272			-	19th Century: 2nd half (1850 - 1899)	
44VB0273			-	19th Century: 4th quarter (1875 - 1899)	
44VB0274		N	06-SEP-02	19th Century: 2nd half (1850 - 1899), Prehistoric/Unknown (15000 B.C. - 1606 A.D.)	
44VB0275			-	19th Century: 2nd half (1850 - 1899)	

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VDHR Architectural Resources

none

VIMS SAV Beds (2010)

none

VIMS SAV Beds (2011)

none

VIMS SAV Beds (2012)

none

VIMS SAV Beds (2013)

no data found

release 1.0

VDHR Architectural Resources

none

VIMS SAV Beds (2010)

none

VIMS SAV Beds (2011)

none

VIMS SAV Beds (2012)

none

VIMS SAV Beds (2013)

no data found

release 1.0

My project

IPaC Trust Resource Report

Generated June 01, 2015 03:06 PM MDT



US Fish & Wildlife Service

IPaC Trust Resource Report



Project Description

NAME

My project

PROJECT CODE

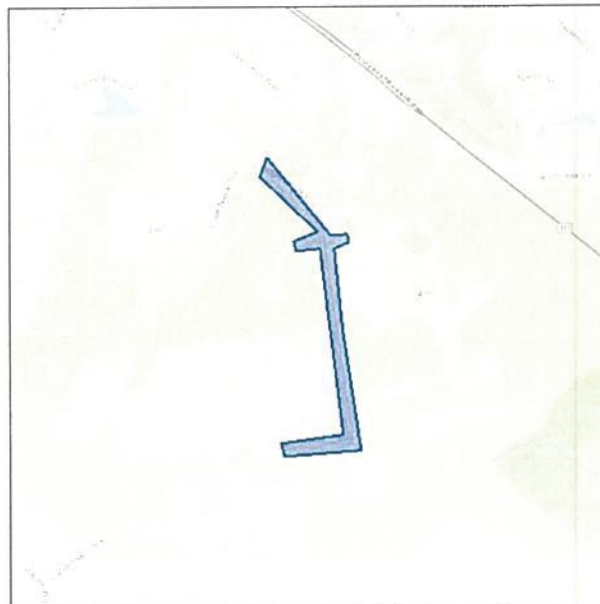
36ALL-U34Y5-HG3KJ-GBT3T-BRECQ4

LOCATION

Virginia Beach County, Virginia

DESCRIPTION

No description provided



U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

Virginia Ecological Services Field Office

6669 Short Lane

Gloucester, VA 23061-4410

(804) 693-6694

Endangered Species

Proposed, candidate, threatened, and endangered species that are managed by the [Endangered Species Program](#) and should be considered as part of an effect analysis for this project.

Mammals

Northern Long-eared Bat *Myotis septentrionalis*

Threatened

CRITICAL HABITAT

No critical habitat has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=A0JE>

Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area

Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the Bald and Golden Eagle Protection Act.

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service (1). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

You are responsible for complying with the appropriate regulations for the protection of birds as part of this project. This involves analyzing potential impacts and implementing appropriate conservation measures for all project activities.

American Kestrel *Falco sparverius paulus*

Bird of conservation concern

Year-round

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0KQ>

American Oystercatcher *Haematopus palliatus*

Bird of conservation concern

Year-round

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0G8>

American Bittern *Botaurus lentiginosus*

Bird of conservation concern

Season: Wintering

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0F3>

Bald Eagle *Haliaeetus leucocephalus*

Bird of conservation concern

Year-round

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B008>

Black Skimmer *Rynchops niger*

Bird of conservation concern

Season: Breeding

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0EO>

Black Rail *Laterallus jamaicensis*

Bird of conservation concern

Season: Breeding

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B09A>

Black-throated Green Warbler *Dendroica virens*

Bird of conservation concern

Season: Breeding

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0KL>

Brown-headed Nuthatch *Sitta pusilla*

Bird of conservation concern

Year-round

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0I7>

Fox Sparrow *Passerella iliaca*

Bird of conservation concern

Season: Wintering

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0NE>

Gull-billed Tern *Gelochelidon nilotica*

Bird of conservation concern

Season: Breeding

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0JV>

Hudsonian Godwit <i>Limosa haemastica</i> Season: Migrating https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0JM	Bird of conservation concern
Least Bittern <i>Ixobrychus exilis</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0JW	Bird of conservation concern
Least Tern <i>Sterna antillarum</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B07N	Bird of conservation concern
Lesser Yellowlegs <i>Tringa flavipes</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0MD	Bird of conservation concern
Marbled Godwit <i>Limosa fedoa</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0JL	Bird of conservation concern
Nelson's Sparrow <i>Ammodramus nelsoni</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0JB	Bird of conservation concern
Peregrine Falcon <i>Falco peregrinus</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FU	Bird of conservation concern
Pied-billed Grebe <i>Podilymbus podiceps</i> Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0JQ	Bird of conservation concern
Prairie Warbler <i>Dendroica discolor</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0K4	Bird of conservation concern
Prothonotary Warbler <i>Protonotaria citrea</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0IJ	Bird of conservation concern
Purple Sandpiper <i>Calidris maritima</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0L1	Bird of conservation concern
Red Knot <i>Calidris canutus rufa</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0DM	Bird of conservation concern
Red-headed Woodpecker <i>Melanerpes erythrocephalus</i> Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HR	Bird of conservation concern
Rusty Blackbird <i>Euphagus carolinus</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0JI	Bird of conservation concern

Saltmarsh Sparrow <i>Ammodramus caudacutus</i> Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0MY	Bird of conservation concern
Seaside Sparrow <i>Ammodramus maritimus</i> Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0N0	Bird of conservation concern
Sedge Wren <i>Cistothorus platensis</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0I8	Bird of conservation concern
Short-billed Dowitcher <i>Limnodromus griseus</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0JK	Bird of conservation concern
Short-eared Owl <i>Asio flammeus</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HD	Bird of conservation concern
Snowy Egret <i>Egretta thula</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0LC	Bird of conservation concern
Swainson's Warbler <i>Limnothlypis swainsonii</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0IK	Bird of conservation concern
Wood Thrush <i>Hylocichla mustelina</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0IB	Bird of conservation concern
Worm Eating Warbler <i>Helmitheros vermivorum</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0II	Bird of conservation concern

Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

There are no refuges within this project area

Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Wetland data is unavailable at this time.